

5-7-08-3665-177--seq-listing.txt  
SEQUENCE LISTING

<110> INSTITUT CURIE  
CNRS  
MNHM  
INSERM

<120> NUCLEIC ACID USEFUL FOR TRIGGERING TUMOR CELL LETHALITY

<130> 3665-177

<140> US 10/576,818  
<141> 2006-07-19

<160> 6

<170> PatentIn version 3.3

<210> 1  
<211> 32  
<212> DNA  
<213> artificial sequence

<220>  
<223> DRIL32, DRIL32po-PEG, DRIL32-PEG, DRIL32ss, DLIR32-T4, DRIL32-2xPEG,  
DRIL32-NH2, DRIL32-FITC, DRIL32-Cy3, DRIL32-Bt

<220>  
<221> misc\_feature  
<222> (1)..(32)  
<223> DRIL32 : double stranded DNA with the three last nucleotides at  
the 5' and 3' ends of both strands with phosphorothioate backbone

<220>  
<221> misc\_feature  
<222> (1)..(32)  
<223> DRIL32ss : single stranded DNA with the three last nucleotides  
at the 5' and 3' ends with phosphorothioate backbone

<220>  
<221> misc\_feature  
<222> (1)..(32)  
<223> DRIL32-T4 : stem (1)..(32), a loop at (32) is a four thymines  
linker, the first three nucleotides at 5' end of the + strand and  
the last three nucleotides at 3' end of the - strand with  
phosphorothioate backbone

<220>  
<221> misc\_feature  
<222> (1)..(32)  
<223> DRIL32po-PEG : stem (1)..(32) and a loop at (32) is  
hexaethyleneglycol linker

<220>  
<221> misc\_feature  
<222> (1)..(32)  
<223> DRIL32-PEG : stem (1)..(32), a loop at (32) is hexaethyleneglycol  
linker, the first three nucleotides at 5' end of + strand and the  
last three nucleotides at 3' end of the - strand with  
phosphorothioate backbone

<220>

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<221> misc_feature
<222> (1)..(32)
<223> DRIL32-2xPEG : stem (1)..(32), two loops at (1) and (32) are
hexaethyleneglycol linkers

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-NH2 : ds DNA with the first three nucleotides at 5' end of
the + strand and the last three nucleotides at 3' end of the -
strand with phosphorothioate backbone, and a NH2 group at the
3' end of the + strand and at the 5' end of the - strand

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-FITC: stem (1)..(32), a loop at (32) is
hexaethyleneglycol linker, the first 3 nucleotides at 5' end of +
strand and the last 3 nucleotides at 3' end of the - strand with
phosphorothioate backbone, FITC bound to nt (32) of the + strand

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-Cy3: stem (1)..(32), a loop at (32) is
hexaethyleneglycol linker, the first 3 nucleotides at 5' end of +
strand and the last 3 nucleotides at 3' end of the - strand with
phosphorothioate backbone, cy3 bound to nt (32) of the + strand

<220>
<221> misc_feature
<222> (1)..(32)
<223> DRIL32-Biot: stem (1)..(32), a loop at (32) is
hexaethyleneglycol linker, the first 3 nucleotides at 5' end of +
strand and the last 3 nucleotides at 3' end of the - strand with
phosphorothioate backbone, Biot bound to nt (32) of the + strand

<400> 1
acgcacgggt gttgggtcgt ttgttcggat ct 32

<210> 2
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> DRIL24-PEG

<220>
<221> misc_feature
<222> (1)..(24)
<223> stem (1)..(24), a loop at (24) is hexaethyleneglycol linker, the
first three nucleotides at 5' end of + strand and the last three
nucleotides at 3' end of the - strand with phosphorothioate
backbone

<400> 2
acgcacgggt gttgggtcgt ttgt 24

<210> 3

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<211> 16
<212> DNA
<213> artificial sequence

<220>
<223> DRIL16-PEG

<220>
<221> misc_feature
<222> (1)..(16)
<223> stem (1)..(16), a loop at (16) is hexaethyleneglycol linker, the
first three nucleotides at 5' end of + strand and the last three
nucleotides at 3' end of the - strand with phosphorothioate
backbone

<400> 3
acgcacgggt gttggg 16

<210> 4
<211> 8
<212> DNA
<213> artificial sequence

<220>
<223> DRIL8-PEG

<220>
<221> misc_feature
<222> (1)..(8)
<223> stem (1)..(8), a loop at (8) is hexaethyleneglycol linker, the
first three nucleotides at 5' end of + strand and the last three
nucleotides at 3' end of the - strand with phosphorothioate
backbone

<400> 4
acgcacgg 8

<210> 5
<211> 32
<212> DNA
<213> artificial sequence

<220>
<223> DRIL32s33-PEG

<220>
<221> misc_feature
<222> (1)..(32)
<223> stem (1)..(32), a loop at (32) is
hexaethyleneglycol linker, the first 3 nt at 5'end of + strand
and the last 3 nt at 3'end of - strand with phosphorothioate
backbone, the last nt at the 3'end of - strand with 3'-3'linkage

<400> 5
gctaggcctg tttgctgggt tgtaggcaca gc 32

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<210> 6
<211> 64
<212> DNA
<213> artificial sequence

<220>
<223> DRIL64 and DRIL64-PEG

<220>
<221> misc_feature
<222> (1)..(64)
<223> DRIL64: double stranded DNA with the three last nucleotides at
the 5' and 3' ends of both strands with phosphorothioate backbone

<220>
<221> misc_feature
<222> (1)..(64)
<223> DRIL64-PEG: double stranded DNA with the three last nucleotides at
the 5' and 3' ends of both strands with phosphorothioate
backbone, and an hexaethyleneglycol linker introduced between
nucleotides (32) and (33) of both strands

<400> 6
acgcacgggt gttgggtcgt ttgttcgat ctacgcacgg tcgtttgttc ggtgttggcg 60
atct 64

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